

**TABLE 1 - 01/05/12**  
**FIELD AND QC SAMPLING SUMMARY**  
**DIMOCK RESIDENTIAL GROUNDWATER SITE**  
**DIMOCK, SUSQUEHANNA COUNTY, PENNSYLVANIA**

Parameter/Method	Matrix	Field Samples	Bkgd	QC Sample Summary				Total Field and QA/QC Analyses (not including MS/MSD) <sup>3</sup>
				Dup	Trip Blanks	Field Blanks	MS/MSD	
<b>Pt. Meade</b>								
<b>Alcohols:</b> Ethanol, methanol, 1-propanol, 1-butanol, 2-butanol (8015D)	drinking water	60	0	6	0	5	4	71
<b>Anions:</b> Chloride, Bromide, Fluoride, Nitrate/Nitrite as N, Orthophosphorus as P, Sulfate as SO <sub>4</sub> (300.0)	drinking water	60	0	6	0	5	7	71
<b>Glycols incl. 2-Butoxyethanol</b> (8316)	drinking water	60	0	6	0	5	4	71
<b>Metals:</b> Al, B, Ca, Cr, Cu, Fe, Mg, Mn, Ni, Na, As, Se, Zn, Ti, Sr, Ba, Sn, Sb, Be, Cd, Co, Tl, U, V, K, Hg (200.7/200.8/245.1)	drinking water	60	0	6	0	5	7	71
<b>Metals, Dissolved:</b> Al, B, Ca, Cr, Cu, Fe, Mg, Mn, Ni, Na, As, Se, Zn, Ti, Sr, Ba, Sn, Sb, Be, Cd, Co, Tl, U, V, K, Hg (200.7/200.8/245.1)	Filtered drinking water	60	0	6	0	5	7	71
<b>Wet Chemistry:</b> - Phosphorus, Total (365.1); - Nitrate/Nitrite (353.2); - Nitrogen; Total (353.2)	drinking water	60	0	6	0	5	7	71
<b>Semi-Volatiles</b> (TCL plus TICs) (OLC03.2)	drinking water	60	0	6	0	5	4	71
<b>Solids, Total Dissolved</b> (TDS) (SM 2540C)	drinking water	60	0	6	0	5	7	71
<b>Solids, Total Suspended</b> (TSS) (SM 2540D)	drinking water	60	0	6	0	5	7	71
<b>Volatiles + Acrylonitrile</b> (TCL + TICs, CLP Trace - 0.5 ug/L QL) (OLC03.2)	drinking water	60	0	6	1 per cooler	5	4	71 + Trip Blanks for Coolers
<b>Tier IV</b>								
<b>Isotech</b> - d13C and d2H of methane; - Complete compositional analysis of headspace gas; - Stable isotopes of water (O,H)	drinking water	9	1	0	0	0	0	10
<b>Tier IV</b>								
<b>Bacteria (fecal &amp; total coliform, HPC)</b> (SM 9222B; SM 9215B w/R2A medium)	drinking water	60	0	6	0	5	0	71
<b>MAREL</b>								
<b>Alpha Spec (Th-232, Th-228, Th-230)</b> (DOE HASL 300)	drinking water	60	0	6	0	5	0	71
<b>Alpha Spec (U-234, U-235, U-236, U-238)</b> (DOE HASL 300)	drinking water	60	0	6	0	5	0	71
<b>Gamma Spec</b> Bi-212, Bi-214, K-40, Ra-226, Ra-228, Th-232, Th-234, U-234, U-235, U-238 (901.1)	drinking water	60	0	6	0	5	0	71
<b>Gross Alpha/Beta</b> (900.0)	drinking water	60	0	6	0	5	0	71
<b>Ra-226</b> (903.1)	drinking water	60	0	6	0	5	0	71
<b>Ra-228</b> (904.0)	drinking water	60	0	6	0	5	0	71
<b>Rn-222</b> (SM 7500-Rn)	drinking water	60	0	6	0	5	0	71
<b>Tier IV</b>								
<b>1-methylnaphthalene</b> (8270 or equivalent)	drinking water	60	0	6	0	5	4	71
<b>2-Methoxyethanol</b> (8015B)	drinking water	60	0	6	0	5	4	71
<b>Dissolved Gases, Methane, Ethane, Ethene, Propane, Butane</b> (RSK-175)	drinking water	60	0	6	0	5	4	71
<b>DRO</b> (8015M)	drinking water	60	0	6	0	5	4	71
<b>Ethylene Glycol</b> (8015M)	drinking water	60	0	6	0	5	4	71
<b>GRO</b> (8015M)	drinking water	60	0	6	0	5	4	71
<b>Methylene Blue Active Substances (MBAS)</b> (SM 5540C)	drinking water	60	0	6	0	5	0	71
<b>Oil &amp; Grease (HEM)</b> (1664A)	drinking water	60	0	6	0	5	0	71
<b>Notes:</b>	<b>Key:</b>							
1. This QA sample will be an aqueous matrix.	Bkgd = Background							
2. Sample to be collected only if non-dedicated sampling equipment is used.	MS/MSD = Matrix Spike/Matrix Spike Duplicate							
3. Estimate based on 5 sampling days	CRQL = Contract-Required Quantitation limit.							
	QA/QC = Quality assurance/quality control							
	Dup = Duplicate							